

For Research Use Only

CoraLite®594 Anti-Human DR5/CD262 Rabbit Recombinant Antibody

Catalog Number: CL594-98273



Basic Information

Catalog Number:	CL594-98273	GenBank Accession Number:	BC001281	Purification Method:	Protein A purification
Size:	100 tests, 5 µl/test	GeneID (NCBI):	8795	Clone No.:	242319H8
Source:	Rabbit	UNIPROT ID:	O14763	Recommended Dilutions:	FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	Full Name:	tumor necrosis factor receptor superfamily, member 10b	Excitation/Emission maxima wavelengths:	588 nm / 604 nm
Immunogen Catalog Number:	EG1648	Calculated MW:	48 kDa		

Applications

Tested Applications:	Positive Controls:
FC	FC: human PBMCs,

Species Specificity: human

Background Information

DR5, also known as CD262, TNFRSF10B, TRAILR2, TRICK2 and KILLER, is a widely expressed single-pass type I membrane protein belonging to the tumour necrosis factor receptor superfamily (TNFRSF). It is a receptor for TNF-related apoptosis-inducing ligand (TRAIL), which is a member of the tumor necrosis factor (TNF) family of cytokines and induces apoptosis in a wide variety of cells (PMID: 9311998). DR5 contains two extracellular cysteine-rich repeats, typical for TNF receptor (TNFR) family members, and a cytoplasmic death domain (DD), through which DR5 is capable to transmit the apoptotic signal (PMID: 9311998; 20531300).

Storage

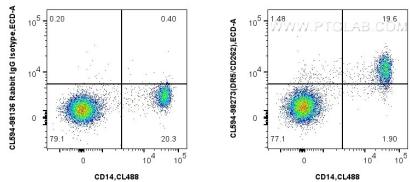
Storage: Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

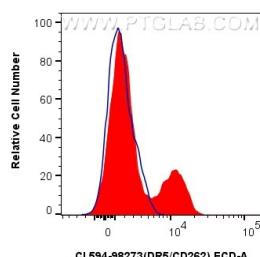
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with Coralite® Plus 488 Anti-Human CD14, and 5 ul Coralite® 594 Anti-Human DR5/CD262 Rabbit RecAb (CL594-98273, Clone:242319H8), or Coralite® 594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul Coralite® 594 Anti-Human DR5/CD262 Rabbit RecAb (CL594-98273, Clone:242319H8) (red), or Coralite® 594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.